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| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005) | | ATTORNEY'S DOCKET NUMBER 2001B126B |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/511,241 |
| INTERNATIONAL APPLICATION NO. PCT/US02/31046 | INTERNATIONAL FILING DATE September 30, 2002 | PRIORITY DATE CLAIMED December 31, 2001 |
| TITLE OF INVENTION Method Of Removing Dimethyl Ether From An Olefin Stream | | |
| APPLICANT(S) FOR DO/EO/US M. Cheng, et. al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (8), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the Inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input type="checkbox"/> Express Mail Label No. 23. <input checked="" type="checkbox"/> Other items or information: Certificate of Facsimile Transmission | | |

P. 03
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/511,241 | | INTERNATIONAL APPLICATION NO. PCT/US02/31046 | | ATTORNEY'S DOCKET NUMBER 2001B126B | |
| The following fees are submitted: | | | | CALCULATIONS | PTO USE |
| 24. <input type="checkbox"/> Basic national fee | | \$300 | \$ | \$0.00 | |
| 25. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). All other situations. | | \$100 \$200 | \$ | \$0.00 | |
| 26. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority. International Search Report prepared and provided to the Office. All other situations. | | \$100 \$400 \$500 | \$ | \$0.00 | |
| TOTAL OF 24, 25 and 26 = | | | | \$ | \$0.00 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE | | |
| - 100 = | 0 | /50 = | 0 | x \$250.00 | \$ \$0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | - 20 = | 0 | x \$50.00 | \$ | \$0.00 |
| Independent claims | - 3 = | 0 | x \$200.00 | \$ | \$0.00 |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00 | | | | \$ | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | \$0.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | \$0.00 |
| SUBTOTAL = | | | | \$ | \$0.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | \$0.00 |
| TOTAL NATIONAL FEE = | | | | \$ | \$0.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + | | | | \$ | \$0.00 |
| TOTAL FEES ENCLOSED = | | | | \$ | \$130.00 |
| | | | | Amount to be | \$ |
| | | | | Amount to be | \$ |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>05-1712</u> in the amount of <u>\$130.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>05-1712</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| | | | | SIGNATURE | |
| | | | | Frank E. Reid | |
| | | | | NAME | |
| | | | | 37,918 | |
| | | | | REGISTRATION NUMBER | |

09/12/2005 GREY1 00000148 051712 10511241

01 FC:1617 130.00 DA

JC01 Rec'd PCT/PTO 07 SEP 2005 SEP 07 2005

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

Applicant(s): M. Cheng, et. al.

Docket No.

2001B126B

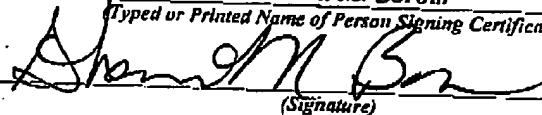
Application No.
10/511,241Filing Date
October 13, 2004Examiner
UnassignedGroup Art Unit
Unassigned

Invention: Method Of Removing Dimethyl Ether From An Olefin Stream

I hereby certify that this Transm. Letter, Notification of Missing Requirements and Declarations (33 pgs)
(Identify type of correspondence)is being facsimile transmitted to the United States Patent and Trademark Office (Fax, No. 571-273-8300)on September 07, 2005
(Date)

Shannon M. Borom

(Typed or Printed Name of Person Signing Certificate)



(Signature)

Note: Each paper must have its own certificate of mailing.

P18/REV02



UNITED STATES PATENT AND TRADEMARK OFFICE

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 United States Patent and Trademark Office
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 Alexandria, Virginia 22313-1450
 www.uspto.gov

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| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/511,241 | Minquan Cheng | 2001B126B |

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| INTERNATIONAL APPLICATION NO. |
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PCT/US02/31046

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| 1A. FILING DATE | PRIORITY DATE |
| 09/30/2002 | 12/31/2001 |

ExxonMobil Chemical Company
 Law Technology
 Po Box 2149
 Baytown, TX 77522-2149

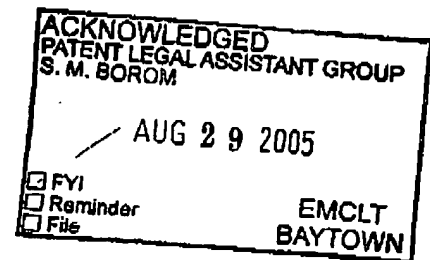
CONFIRMATION NO. 9251
 371 FORMALITIES LETTER
 OC000000016827956
 OC000000016827956

Date Mailed: 08/22/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/13/2004
- Copy of the International Search Report filed on 10/13/2004
- Copy of IPE Report filed on 10/13/2004
- Request for Immediate Examination filed on 10/13/2004
- Copy of references cited in ISR filed on 10/13/2004
- U.S. Basic National Fees filed on 10/13/2004
- Priority Documents filed on 10/13/2004



The applicant needs to satisfy supplemental fees problems indicated below.

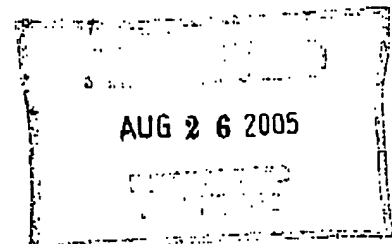
The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.



ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

- The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/511,241 | PCT/US02/31046 | 2001B126B |

FORM PCT/DO/EO/905 (371 Formalities Notice)